

Fibertech Networks

**Carrier Solutions**[» Main](#)[» Network Planning](#)[» Sales Inquiry Form](#)**» CARRIER SOLUTIONS****CAPITALIZE ON YOUR INVESTMENTS**

In today's capital-constrained telecom market, there's a premium on lowering costs and tempering risks. Yet carriers must balance these challenges against raised revenue targets, speed-to-market and increased facilities-based deployment.

That's where Fibertech comes in. Our dark fiber metro networks can provide you with a myriad of cost-cutting benefits including:

- » Virtually unlimited bandwidth at a fixed cost
- » A flexible, competitive and customizable network configuration and cost structure
- » The ability to utilize technological advances to better manage traffic demand
- » Access to metro networks that include connections to virtually all central offices, POPs and data centers, and that are a short distance from its major office buildings and business parks
- » The advantage of being facilities-based, which can improve both margins and enterprise value
- » Increased provisioning times resulting in faster revenue realization

Competitive carriers must continue to invest in their business in order to exceed future growth expectations. So, whether you're interested in entering a market as a facilities-based provider or simply looking to bolster your serviceable footprint, a Fibertech dark fiber network can be your differentiator.

To learn more about our dark fiber connections, please complete our [sales inquiry form](#) and a Fibertech representative will contact you shortly.

Related Links

View or Download our [Capabilities Brochure](#)
(PDF/776KB)



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FPL FiberNet

Company Information

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A Leading Provider of Fiber-Optic Technology

[Wholesale service](#) | [One of the largest metropolitan fiber-optic networks in the U.S.](#) | [Highest quality](#) | [Customers](#)

Wholesale service

We provide wholesale fiber optic service with bandwidth capacity from DS-3 to OC-192 for

- long distance companies
- CLECs
- BLECs
- ISPs
- ASPs and
- other communications related businesses within the major metropolitan areas of Florida.

One of the largest metropolitan fiber-optic networks in the U.S.

We offer more than 2,500 miles of high-count fiber with connectivity to more central offices, carrier hotels and international cable-heads than any other fiber wholesaler in the state.

Highest quality

We offer the highest quality dark fiber with the fastest possible transmission speeds. The ultimate in reliability is insured through our ring-based, intra-city networks using SONET-based architecture that is both

- redundant and
- geographically diverse.

Target customers

Our customers include virtually all service and telecom providers, as well as leading

- ISPs
- ASPs
- International Cable Carriers
- ILECs
- CLECs and
- hospitals, colleges, banks and other businesses.



An FPL Group Company

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"Moving at the Speed of Light..."**F I B E R O P T I C T E C H N O L O G Y****...to get you connected everywhere you need to go"**[HOME](#)[MAPS](#)[TRADE SHOWS](#)[CONTACT US](#)[SITE MAP](#)**SEARCH****Wednesday 10-6-2004**

Why FPL FiberNet?

[Virtually unlimited growth capacity](#) | [The most extensive inter- and intra-city network in Florida](#) | [Unsurpassed network reliability and redundancy](#) | [The most up-to-date technology](#) | [Expanding our network coverage](#)

Virtually unlimited growth capacity

Your company's potential for growth is virtually unlimited with FPL FiberNet's products and services. We provide high quality metro dark fiber, inter- and intra city transport (DS-3 to OC-192), DS-3 and optical hubs, metro wavelengths as well as co-location facilities.

The most extensive inter- and intra-city network in Florida

We currently have more than 2,500 route miles of high-quality dark/lit fiber in Florida and access to more than 8,600 miles of fiber optic cable through partnerships with regional providers, making us one of the largest metropolitan fiber-optic networks in the United States.

Unsurpassed network reliability and redundancy

Our intra-city network is built utilizing SONET-based architecture that provides both geographically diverse routes and fully redundant SONET rings that eliminate network downtime.

The most up-to-date technology

We use dense wave division multiplexing (DWDM), which allows maximum scalability of your network.

Expanding our network coverage

FPL FiberNet has completed an aggressive metro buildout plan that includes connectivity to the NAP of the Americas and international cable heads. We are a founding member of the NAP of the Americas and the first to pull fiber in this location. Because we connect to the NAP, we can offer carriers connectivity to the Caribbean, South America, Europe and Asia.



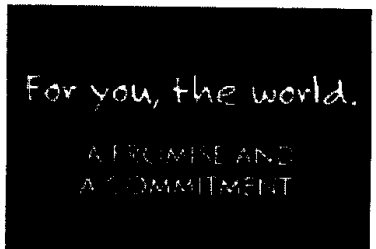
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Company Information

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Grande Communications


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[HOME](#)[ABOUT GRANDE](#)[PRODUCTS & SERVICES](#)[CUSTOMER SERVICE](#)[JOBS](#)**OVERVIEW**DOMESTIC &
INTERNATIONAL
TERMINATIONSNATIONAL DIRECTORY
ASSISTANCE

WHOLESALE CLEC

METRO ACCESS NETWORK

➤ PRIVATE LINE AND
COLOCATION SERVICES

ISP SERVICES

[Home](#) > [Products and Services](#) > [Wholesale](#) > [Private Line & Colocation Services](#)**Private Line Services**

Grande Networks offers secure, reliable bandwidth services to carriers including Internet service providers (ISPs), local exchange carriers (ILECs and CLECs), interexchange carriers (IXCs), and applications service providers (ASPs).

A robust optical network comprised of state-of-the-art SONET ring technology, provides bi-directional, dependable and continuous service to meet your need for reliable service. Our Network Operation Control Center (NOCC) actively monitors our network 24 x 7 x 365 to assure consistent network performance and availability.

Colocation Services

Grande Networks offers colocation facilities and services in 19 metropolitan areas. Facilities and services in regional Points of Presence (POPs) are designed to meet your needs whether you are a carrier, integrated telecom provider or ISP.

Grande Networks' colocation facilities are leased by the rack or the square foot and come equipped with HVAC, redundant power supplies, security, 24 x 7 x 365 monitoring and seamless interconnection with major long haul carriers.

Sales Contact:

Jared Benson
Vice President, Grande Networks Sales & Marketing
(512) 878-5222
jared.benson@grandecom.com

VIEW OUR

NETWORK MAPS:

➤ NATIONAL SWITCHING
NETWORK➤ PRIVATE LINE AND
COLOCATION**BACKGROUND
INFORMATION:**[Network Background*](#)[Network Bios*](#)[Network Briefing*](#)[Network Facts*](#)

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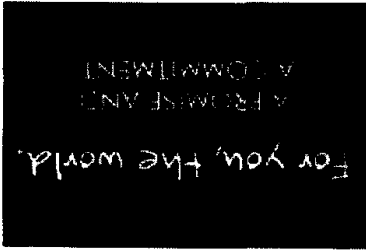
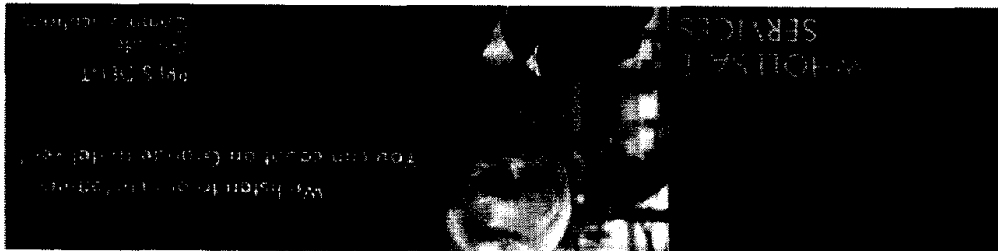
**UPCOMING
EVENTS:**[View all events](#)[Home](#) | [About Grande](#) | [Jobs](#) | [Contact Us](#) | [Feedback](#) | [Privacy Policy](#) | [Tariffs](#) | [Site Map](#)

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[OVERVIEW](#)

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OVERVIEW

Offering new expanded service in SBC/Ameritech and BellSouth areas, Grande Networks provides wholesale carrier and ISP services with one of the largest coverage areas in Texas.

Our wholesale division serves the integrated communication needs of other service providers and carriers by providing the underlying network products and services.

Carrier Services Include:

- > Domestic and International Terminations
- > National Directory Assistance
- > Wholesale CLEC
- > Metro Access Network
- > Private Line and Colocation Services



ISP Services Include:

- > Managed Modem
- > Originating PRI

Headquarters

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San Marcos, TX 78666

Sales Contact

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We listen to our customers.
You connect on Grande to deliver.

For you, the world.

A PROMISE AND
A COMMITMENT

OVERVIEW

DOMESTIC &
INTERNATIONAL
TERMINATIONS

NATIONAL DIRECTORY
ASSISTANCE

WHOLESALE CLEC

• METRO ACCESS NETWORK

PRIVATE LINE AND
COLOCATION SERVICES

ISP SERVICES

[Home](#) > [Products and Services](#) > [Wholesale](#) > Metro Access Network

METRO ACCESS NETWORK

Grande Networks is in the process of constructing our fiber network within and between the cities of Austin, San Antonio and Houston. Our networks target most Carrier POPs, major ILEC central offices, carrier hotels, central/suburban business centers, data centers, co-location facilities and CLECs.

Grande Offers 5 Categories of Metro Fiber services:

- Dark fiber indefeasible right to use (IRU)
- Dark fiber lease
- Network construction/lateral builds
- Metro access network capacity (DS-X, OC-N, Wavelengths)
- Co-location

VIEW OUR

NETWORK MAPS:

- NATIONAL SWITCHING NETWORK
- PRIVATE LINE AND COLOCATION

BACKGROUND INFORMATION:

[Network Background*](#)

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[Network Facts*](#)

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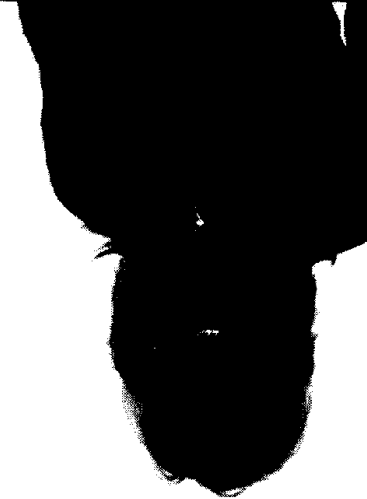
ICG Communications



CARRIERS HAVE ISSUES.
WE HAVE SOLUTIONS.

PRODUCTS COMPANY INVESTORS CUSTOMER SERVICE CARRIERS CONTACT PARTNERS SEARCH

- Product Overview
- Network Overview
- Corporate Services
- ISP Services
- Carrier Services
- Intercity Private Line
- Special Access
- SS7
- Partners FirstSM Program
- Contact Sales



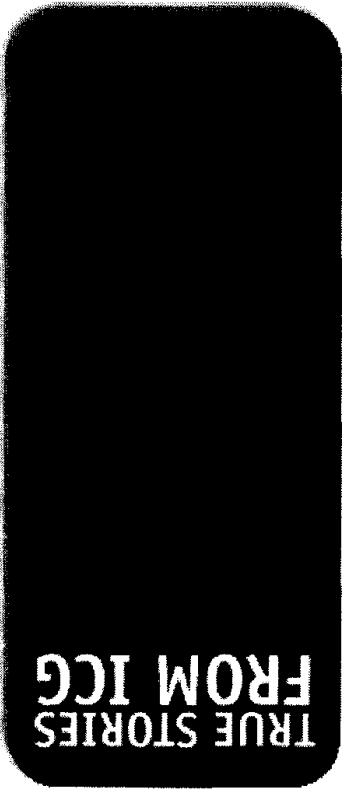
Misty, Customer Retention

CARRIER SERVICES

Our mission is to make sure that we grow to meet our customer's needs. Since 1986, ICG Communications has gone from a single CAP network in Denver to a provider of business communications nationwide.

ICG is committed to providing high-quality, reliable business communications. To help take your business where you want it to go, we've struck strategic agreements with several leading companies. Technological partnerships, such as Cisco Systems, continue to strengthen the fabric of our network, products and services.

However, we haven't forgotten our roots offering carriers Special Access, SS7, and Intercity Private Line services that guarantee them the reliable bandwidth they need in California, Colorado, Ohio, Texas, and various locations throughout the U.S.





SPECIAL ACCESS MEANS DEDICATED BANDWIDTH AND NO BOTTLENECKS.

ICG CARRIER SERVICES

PRODUCTS COMPANY INVESTORS CUSTOMER SERVICE CAREERS CONTACT PARTNERS SEARCH

Product Overview

Network Overview

Corporate Services

ISP Services

Carrier Services

Intercity Private Line

Special Access

SS7

Partners FirstSM Program

Contact Sales



Joycelyn, Product Marketing

SPECIAL ACCESS

Each month your network demands grow. Which means you need additional bandwidth you can rely on. Our goal is to provide that access quickly, reliably, and - dare we say it - in a professional, friendly manner.

Special Access from ICG Communications offers a dedicated, intraLATA transport service connecting your Point of Presence (POP) to a carrier, POP, or customer designated end-user. Special Access can carry voice, data, and/or video traffic at DS-1, DS-3 and OC-N capacities. With all locations on the ICG network you realize the benefits of a self-healing network, full-time connectivity and 24/7/365 proactive monitoring of network activity, providing you with maximum reliability.

For consistent and dependable bandwidth, let ICG provide your Special Access.

BENEFITS

- Secure, private and dependable high-speed transport via ICG's high quality network.
- State-of-the-art SONET-based fiber optic network.
- End-to-end dedicated connectivity.
- Diversified access to multiple carriers.
- Save time and money with an individualized combination of services to optimize your network.

Telecommunications services provided by ICG Telecom Group, Inc., except in Texas where services are provided by ICG ChoiceCom, L.P.

Click the banner or call
1-877-HELLO-ICG

[Download Special Access pdf](#)



ITC Deltacom

ITC DELTACOM

SEARCH

GO

[Company Information](#) | [Products + Solutions](#) | [Customer Care](#) | [Dealers/Alliances](#) | [Careers](#) | [Industry Relations](#)**INTERNET ACCESS**

For most businesses, reliable Internet access is no longer an option; it's a requirement. At ITC^DeltaCom, we know that reliable, fast access is essential for successful Internet communications. That is why we offer cost-effective, dedicated Internet access - from 64K to Gigabit and beyond.

Our 14,488 mile fiber optic network features 236 Points of Presence (POPs) for reliable access. In addition, our technicians proactively monitor your Internet connection to virtually eliminate access failure.

We want to connect your business to the world. With our dedicated access service, it's just a click away.

Internet Acceptable Use Policy

The ITC^DeltaCom Network may only be used for lawful purposes. [Our Internet Acceptable Use Policy](#) specifies the actions prohibited by ITC^DeltaCom to users of the ITC^DeltaCom Network.

For additional information, please contact your local ITC^Deltacom Branch Office, or call **1.800.239.3000**.

Products + Solutions[Integrated Packages](#)[Voice](#)[Data Connectivity](#)[Internet Applications](#)[> Internet Access](#)[> Managed Firewall](#)[> Web Hosting](#)[> Data Assurance](#)[Equipment & Systems](#)[Colocation](#)[Carrier](#)[Residential](#)[Home](#) | [About Us](#) | [Contact Us](#) | [Privacy Policy](#) | [Legal Notices](#) | [Site Map](#)[1.800.239.3000](#) [Contact Us](#) [Privacy Policy](#) [Legal Notices](#) [Site Map](#)

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CARRIER

The obvious solution for reliability

Interstate FiberNetSM, Inc (IFN), an ITC[^]DeltaCom company, is known as the dominant carrier in the southern United States. With an impeccable reputation for on-time delivery, cost-effective reliability, and state-of-the-art technology integration, we offer comprehensive carrier services to inter-exchange carriers, CLECs, LECs, ILECs, ISPs, and wireless carriers, including:

- [Broadband Services](#)
- [Metro Network Services](#)
- [PRI Services](#)
- [Operator Services and Directory Assistance Services](#)
- [Data Services, ATM, and Frame](#)
- [Dark Fiber](#)

Our carrier services portfolio incorporates a variety of technologies including local number portability (LNP) for local service using existing numbers and PRI services for ISPs. We own and operate 24 x 7 x 365 call centers featuring comprehensive operator services and national directory assistance. We also provide carriers with access to cost-effective DS1, DS3, and OC-n bandwidth capacities.

IFN has the largest network in the southern United States. Our network features Cisco GSR routers and fiber optic infrastructure that covers 14 states. With 236 POPs and unsurpassed network density, we provide reliable, high-speed access and connectivity for your customers. Multiple transit peering agreements with Tier1 providers allow us to deliver a redundant IP path with just a single connection to you, our customer. We use border gateway protocol (BGP) to establish efficient, loop-free routes with our Tier1 providers.

Our redundant network operations centers (NOCs) maintain the integrity of our network, 24 x 7 x 365.

ITC[^]DeltaCom has an exceptional reputation for reliability and deliverability. Please view our [Fiber Optic](#), [IP Backbone](#), [PRI](#), and [Frame Relay](#) maps for a closer look at our network.

For additional information, please contact Interstate FiberNet at **706.385.8500**.

Products + Solutions

Integrated Packages

Voice

Data Connectivity

Internet Applications

Equipment & Systems

Colocation

Carrier

> [Broadband Services](#)

> [Metro Network Services](#)

> [PRI Services](#)

> [OS/DA Services](#)

> [Data Services](#)

ATM and Frame

> [IFN Agent Program](#)

Residential

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METRO NETWORK SERVICES

Interstate FiberNet Inc. (IFN), an ITC^DeltaCom® company, can provide metro capacity solutions to complement IFN's extensive SONET broadband network spanning 14,488 miles and touching 236 POPs throughout the southern states and eastern seaboard. Service offerings range from DS-1 (in select markets) through OC-48.

Ask your IFN account manager to provide pricing for metro capacity to carrier condos and Incumbent Local Exchange Carrier (ILEC) Central offices in the following cities.

Florida

[Clearwater](#)
[Fort Lauderdale](#)
[Gainesville](#)
[Jacksonville](#)
[Miami](#)
[Orlando](#)
[St. Petersburg](#)
[Tampa](#)
[West Palm Beach](#)
[Winter Haven](#)

Georgia

[Atlanta](#)

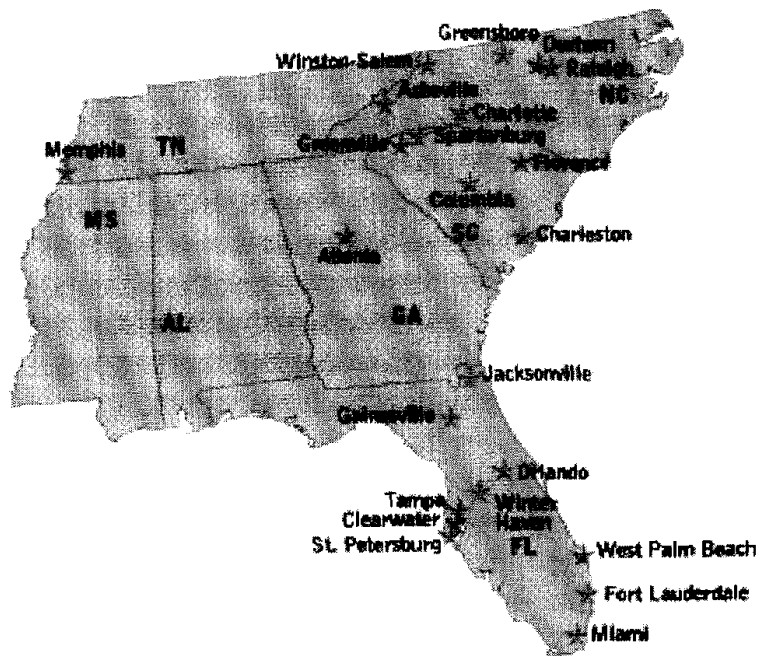
North Carolina

[Asheville](#)
[Charlotte](#)
[Durham](#)
[Greensboro](#)
[Raleigh](#)
[Winston-Salem](#)

South Carolina

[Charleston](#)
[Columbia](#)
[Florence](#)
[Greenville](#)
[Spartanburg](#)

Tennessee



Products + Solutions

Integrated Packages

Voice

Data Connectivity

Internet Applications

Equipment & Systems

Colocation

Carrier

> Broadband Services

> Metro Network
Services

> PRI Services

> OS/DA Services

> Data Services

ATM and Frame

> IFN Agent Program

Residential

Memphis

Additionally, IFN offers Extended Metro Services through interconnections with multiple APS in many of our transport POP locations.

For additional information, please contact Interstate FiberNet at **706.385.8500**.

1.800.239.3000

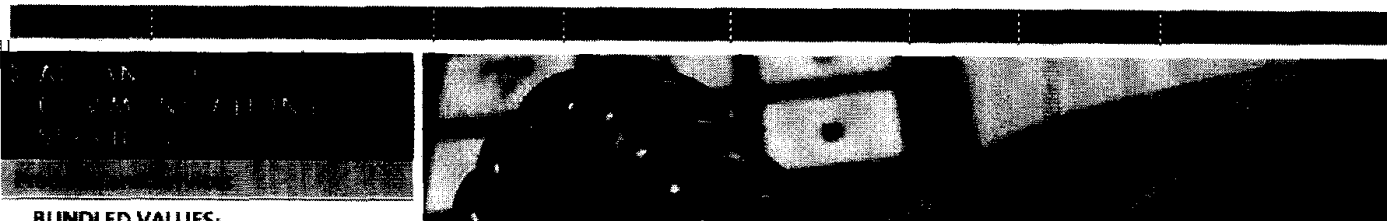
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KMC Telecom

**BUNDLED VALUES:****LOCAL SERVICES:****LONG DISTANCE SERVICES:****ENHANCED SERVICES:****DATA SERVICES:****PRIVATE LINE SERVICES:****CARRIER SERVICES:****Products and Services****KMC Special Access Service**

KMC Special Access Service services provide broadband capacity for data, video and high volume voice applications. These point-to-point digital channels operate on the KMC IntraCity SONET Fiber Ring that has been strategically constructed in the most economical location for the customer's connection.

KMC Special Access Services Available

- **KMC Special Access Service DS-0**
Individual 64Kbps point-to-point digital channel
56Kbps point-to-point digital channel
- **KMC Special Access Service DS-1**
Digital channel operating at 1.544Mbps
- **KMC Special Access Service DS-3**
Digital channel operating at 44.736Mbps
- **KMC Special Access Service OS-N**
Sonet channel operating 50-150Mbps in 50Mbps increments

Wholesale Services

Wholesale Telecom Solutions for Your Company's Voice and Data Needs

KMC Telecom Wholesale Services - Your facilities-based full-service wholesale provider, offering a range of private line, switched and network outsourcing services to local, long-haul, wireless, cable and Internet Service Providers throughout the US.

KMC Telecom offers custom, timely, end-to-end solutions to help you minimize costs and extend your reach to meet your customer needs.

KMC's Wholesale Services portfolio delivers:

- A nationwide data platform, covering 1400+ cities currently (and expanding), for wholesale PRI, voice, and dialtone services
- 35 local, facilities-based fiber-optic networks in Tier II and Tier III cities, with over 1700 on-net buildings, and interconnects with major central offices and carrier points of presence (POPs). [Click here](#) to go to our website for a list of IXC POPs.
- Single-source solutions support - procurement and provisioning for bundled metro and long-haul solutions via regional and national long-haul partners
- Experience from a team of dedicated telecom industry professionals - network design, construction, implementation, provisioning and management
- The stability to assure long-term performance - all while providing competitively priced solutions with value unmatched by the competition.

Access and Access Services:

- Collocation Services
- Local Access (from DS-1 to OC-N)
- Origination/Termination Access
- Private Line Service
- Tandem Access

Voice and Data Services:

- Local and National PRI Services
- Toll-free Origination
- Wholesale Dialtone

Construction Services:

- Cello Construction
- POP Construction
- Lateral Builds

Wholesale Services:

- Meeting the specialized needs of International Carriers, Wireless Carriers, IXCs, ISPs, Cable MSOs and Utility/Power companies
- The KMC Wholesale Team: Vision and Experience
- KMC Telecom Wholesale Services
- Customer Service

Come meet us at the Trade Shows Wholesale Services will be attending:

- CompTel/Ascent Alliance - February 9, 2004 thru February 11, 2004
- MetroNorth Connect - March 23, 2004 & March 24, 2004
- USTA - May 3, 2004 thru May 5, 2004



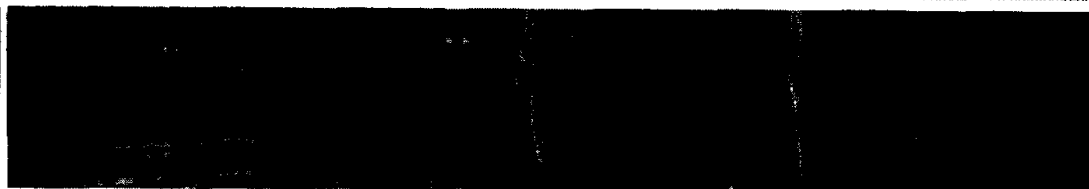
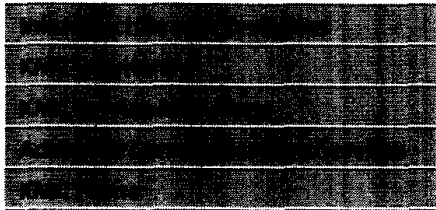
Cable MSOs

ISPs

IXCs

Utility and Power

Wireless Carriers



Capabilities & Solutions

IXCs

KMC's extensive, high-performance fiber network in 35 cities, and our world-class project management and outsourcing skills, offers IXCs ways to reduce costs in local operations and augment their transport capabilities.

With our world-class network facilities in 35 cities, KMC Telecom can serve as a more cost-effective resource than ILECs for a variety of needs, including:

- Dedicated network access (T1 and up) for your clients in our serving cities. KMC Telecom offers you highly responsive service and provisioning, and more attractive rates.
- Local service connections. KMC can provide last-mile access for your local telephone service offering in our serving cities.
- Transport optimization. To complement your existing infrastructure, or simplify buildout and expansions, KMC can provide fiber capacity as well as alternative solutions such as microwave links.

For more information, call 877.562.6285 to speak with one of our dedicated team professionals.

Level 3 Communications, Inc.

Level 3

(3)Link Metro Private Line

Select a Service

Select a Service

Select a Service

Select a Service

Select a Service

Select a Service

Select a Service

(3)Link® Metro Private Line

Part of Level 3's family of Metro Services Trusted by the Experts

Level 3's complete portfolio of metro offerings includes (3)Link Metro Dark Fiber, (3) Link Metro Wavelength, (3)Link Metro Private Line, and (3)Link Metro Ethernet services — all of which have a proven track record with the most sophisticated and demanding customers in the world. In fact, nine of the top 10 global telecom companies, nine of the top 10 consumer ISPs in the U.S., six of the top seven U.S. wireless carriers, and three of the top four global fixed satellite operators rely on Level 3's metro services.

"Our research suggests that Level 3 has begun to establish market share in the metropolitan area services. Level 3 is well-positioned to become a market leader in metro services, just as it has become a top-tier competitor in the long-haul service."

— J.P. Gownder, Senior Analyst, The Yankee Group

These customers continue to turn to Level 3 for the following reasons:

Stable and Reliable Partner: Level 3, a Fortune 500 company, has proven to be a financially stable company for the long term. Level 3's partnership commitment to its customers is at the core of its strategy. Level 3's success relies on the success of its customers.

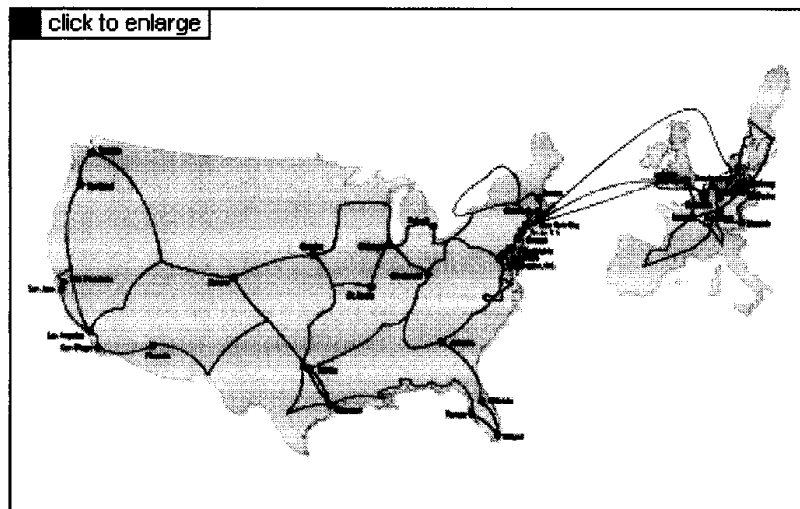
Customer- and Solutions-Focused: Level 3's partnership commitment is reinforced in its customer- and solutions-focused organizations. In addition to mobilizing dedicated account teams that understand customer businesses, the company offers an unmatched level of design collaboration with customers through its world-class design team, which consists of dedicated Sales Engineers and a Network Architecture team. Responsible for the design of Level 3's own network, the Network Architecture team has worked with customers to help design some of the most sophisticated networks in the world.

Flexibility, Availability, and Cost Savings: With customer needs in mind, Level 3 designed its metro services to meet key requirements for flexibility, availability, and cost savings.

Service Overview

(3)Link Metro Private Line service is a dedicated, point-to-point, protected metro transport service offered at line rates of DS-3, OC-3, STM-1, OC-12/12c, STM-4/4c, and OC-48/48c. The service is available in 27 markets in North America and nine markets in Europe.

Level 3



(3)Link Metro Private Line service is uniquely designed to meet requirements for flexibility, availability, and cost savings.

Flexibility: With a broad metro footprint and comprehensive metro transport services portfolio (dark fiber, wavelength, private line, and Ethernet services), Level 3 gives customers the flexibility to choose the best solution for their needs today. And Level 3 allows customers to easily migrate between transport services as needs change. Level 3 is interconnected with key high-bandwidth sites, including more than 100 LEC COs; major peering and traffic exchange sites; key cable MSO, wireless, and ISP locations; and cable landing and teleport sites.

Customers also have the flexibility to extend their metro networks into long-haul designs (or vice-versa) using a single provider with Level 3's capability to seamlessly interconnect (3)Link Metro Private Line service with its suite of long-haul IP and transport services.

Availability: Customers can count on Level 3 providing a highly available service with 12-month actual availability averages of 99.999% for protected services and 99.95% for unprotected services. Level 3's underlying network has physically diverse routes with no collapsed rings, as well as physically diverse laterals, entrance facilities, and risers.

Level 3 is fully committed to fiber protection and security. The company has an in-house cable protection bureau that proactively prevents risky digs. Last year, the team processed more than 1.2 million cable locate requests and dispatched field technicians more than 115,000 times. Level 3 also has implemented tight security with biometrics and photo ID access card systems in its locations.

Cost Savings: (3)Link Metro Private Line service is designed to save money. The service eliminates investments necessary to deploy and maintain a network protection scheme. It reduces operations costs for managing the physical network. And it saves money for training because private lines are well-known and widely deployed.

Level 3

(3)Link Dark Fiber

Select a Service

Select a Service

Select a Service

Select a Service

Select a Service

Select a Service

Select a Service

(3)Link® Dark Fiber

More Than Just Fiber

At Level 3, dark fiber is not a commodity. Our (3)Link Dark Fiber service gives you precise and powerful interaction with your fiber network. We offer you more than just the fiber.

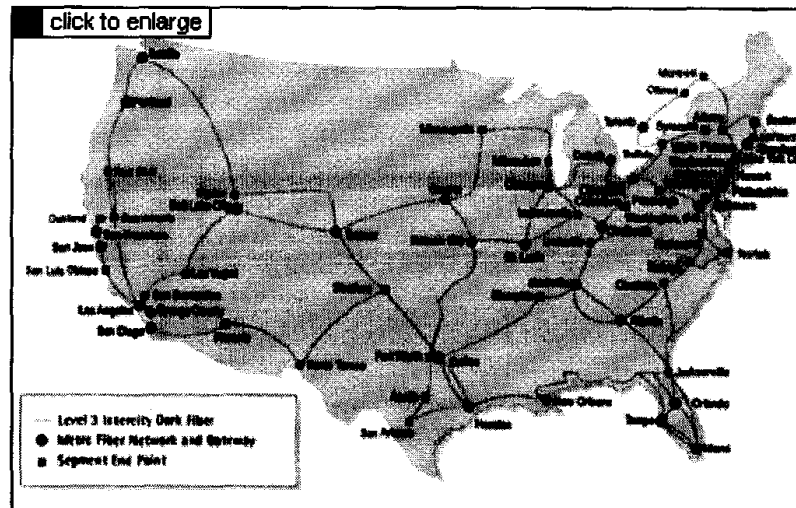
A Total Solution

Level 3 is the only provider complementing its intercity fiber with extensive metro fiber. The result is a true end-to-end fiber solution from one provider.

North American Metro and Intercity Dark Fiber Network

- Approximately 24,000 intercity route miles in North America
- 33 metro fiber markets
- Network traverses more than 150 cities
- Diverse with no single points of failure
- Multi-conduit (10–12), high-fiber-count infrastructure
- 4,000 route miles of metro fiber
- Ability to access more than 550 on-net buildings
- Convenient and easy interconnection options

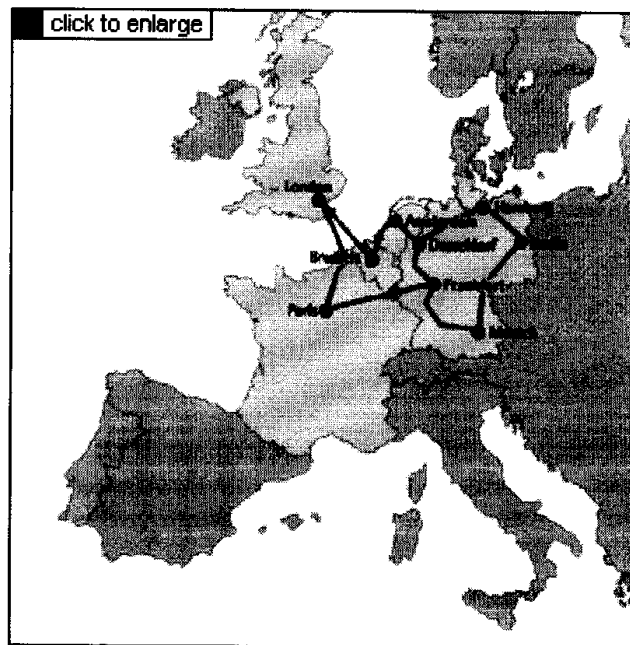
click to enlarge



Level 3

European Dark Fiber Network

- Approximately 3,600-route-mile Pan-European Network
- 9 metro fiber markets
- Segments traverse 60 European cities
- 6-12 conduits on each European intercity route
- Network comprised of 37 loops
- Diverse with no single points of failure
- Access to more than 90 strategic "On-Net" buildings



[Click here](#) to view the metro buildings list.

Beyond the Fiber Itself

SLA-Backed Operations and Maintenance

Level 3 processed over 1.2 million cable-locate requests in 2003 and dispatched our technicians over 115,000 times to "mark the route" to prevent cable cuts. One of the reasons we protect our cables so thoroughly is that our own lit services are riding on

them. Level 3 offers industry-leading reliability including:

- Intercity network service-affecting events at 1/4th industry average
- Metro network service-affecting events at 1/7th industry average
- Mean Time to Restore (MTTR) 50% better than industry average

We back our capabilities by offering customers Service Level Credits for our MTTR commitments. If a fiber cut is not repaired within 12 hours, you will receive a 1% credit off your monthly operations and maintenance for the affected segment or loop for each hour over 12 hours (capped at the monthly amount for the affected segment or loop).

ONMAPSM

Level 3 provides customers with online, accurate "as built" diagrams with visibility down to the manhole through our Online Network Mapping and Planning interface (ONMAP). With this unique tool, you don't have to wait for a field survey every time you have a network planning change. The ONMAP capability provides accurate transparency to our entire fiber inventory.

Unmatched Off-Net Lateral Construction

Experience and Expertise

Through the management of construction of our network and over 650+ laterals, Level 3 is an undisputed expert in off-net lateral construction.

Accurate Estimates and Timing Backed by SLAs

Level 3's experience, combined with our network transparency, allows us to accurately estimate builds. In 2003, Level 3 delivered 200 customer construction orders with an on-time delivery rate greater than 95%. We back this expertise with three guarantees:

1. Level 3 commits to on-time delivery of on-net service. In the event of a late delivery, we offer credits starting immediately after the Customer Commitment Date (CCD) is missed. The credit is calculated at 1% of the value of the IRU for each 15 days late, capped at 5% of the IRU value.
2. Level 3 commits to on-time delivery of off-net lateral builds. In the event of a late delivery, we offer credits starting 60 days after a Customer Commitment Date (CCD) is missed. The credit is calculated at 1% of the value of the build for each 30 days late, capped at 3% of the build value.
3. Level 3 offers a firm fixed price for all projects under \$200,000.

These guarantees mean that with Level 3, you can actually budget and plan for your networking needs.

Best-In-Class Service

All (3)Link Dark Fiber customers receive:

- A program manager to be your single point of contact to coordinate, budget, and deliver your solution
- Dedicated field personnel in 35 markets, with local expertise for managing contractors and municipality permits for you
- 24 x 7 security-monitored Gateway facilities
- (3)TechSM field technical services, which let you dispatch Level 3 technicians at any colocation or running line site

Perhaps Level 3's commitment to delivering more than just the fiber lies at the heart of why seven of the ten world's largest telecommunications companies use (3)Link Dark Fiber services.

[TOP](#)



■ November 12, 2003

Level 3 Providing Detroit Metro Fiber to Sprint

Carrier Reducing Network Costs with Local Fiber from Level 3

BROOMFIELD, Colo., November 12, 2003 – Level 3 Communications, Inc. (Nasdaq: LVL3) today announced it has executed an agreement to sell metropolitan dark fiber services in Detroit to Sprint (NYSE: FON, PCS), one of the world's largest communications companies.

Sprint is using Level 3 metropolitan fiber to eliminate the access transport charges it would otherwise pay to a local exchange carrier. Level 3's metro fiber connects key traffic aggregation points in the Detroit market, including ILEC central offices and voice switching sites. When the fiber is lit, carrier customers like Sprint can hand off traffic directly to local phone companies, without having to lease expensive access circuits at retail rates.

"Our carrier customers can significantly reduce local network expenses by taking advantage of Level 3's metro dark fiber product," said Sureel Choksi, Level 3's president of transport and infrastructure services. "In addition, the fiber allows them to expand local network capacity in the future at a significantly lower unit cost. We are pleased to be working with Sprint, one of the world's largest and best-known communications companies, and look forward to supporting them as they deliver high-quality voice and data services to their own business and residential customers."

The deployment of the Detroit area network is part of a nationwide Sprint initiative to broaden the company's local transport infrastructure into metropolitan areas across the United States. Sprint has announced plans to deliver the capabilities of its all-digital, fiber-optic network deeper into the metro areas of more than 30 U.S. cities before mid-2004.

Level 3 owns and operates a total of 36 metropolitan networks – 27 across the United States and nine in Europe, giving customers access to more than 350 data centers, central offices, telecom hotels and other buildings. Level 3 dark fiber services give carriers and service providers the infrastructure required to deploy a fiber-optic network in these markets without the burden and cost of network construction.

Level 3's fiber service includes optical fiber cable, colocation and running line facility space, power, and operation and maintenance of the network.

About Sprint

Sprint is a global integrated communications provider serving more than 26 million customers in over 100 countries. With approximately 70,000 employees worldwide and nearly \$27 billion in annual revenues, Sprint is widely recognized for developing, engineering and deploying state-of-the-art network technologies, including the United States' first nationwide all-digital, fiber-optic network and an award-winning Tier 1 Internet backbone. Sprint provides local communications services in 39 states and the District of Columbia and operates the largest 100-percent digital, nationwide PCS wireless network in the United States. For more information, visit www.sprint.com.

About Level 3 Communications

Level 3 (Nasdaq:LVL3) is an international communications and information services company. The company operates one of the largest Internet backbones in the world, is one of the largest providers of wholesale dial-up service to ISPs in North America and is the primary provider of Internet connectivity for millions of broadband subscribers, through its cable and DSL partners. The company offers a wide range of communications services over its broadband fiber optic network including Internet Protocol (IP) services, broadband transport, colocation services, Genuity managed services, and patented Softswitch-based managed modem and voice services. Its Web address is www.Level3.com.

The company offers information services through its subsidiaries, (i)Structure and Software Spectrum. For additional information, visit their respective Web sites at www.softwarespectrum.com and www.i-structure.com.

The Level 3 logo is a registered service mark of Level 3 Communications, Inc. in the United States and/or other countries.

Forward Looking Statement

Some of the statements made by Level 3 in this press release are forward-looking in nature. Actual results may differ materially from those projected in forward-looking statements. Level 3 believes that its primary risk factors include, but are not limited to: changes in the overall economy relating to, among other things, the September 11 attacks and subsequent events, the challenges of integration, substantial capital requirements; development of effective internal processes and systems; the ability to attract and retain high quality employees; technology; the number and size of competitors in its markets; law and regulatory policy; and the mix of products and services offered in the company's

target markets. Additional information concerning these and other important factors can be found within Level 3's filings with the Securities and Exchange Commission. Statements in this release should be evaluated in light of these important factors.

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